RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: _10/788, 836_

Source: _____

Date Processed by STIC: _____

ENTERED

RAW SEQUENCE LISTING   DATE: 12/13/2004
PATENT APPLICATION: **US/10/788,836**   TIME: 13:50:37

Input Set : **N:\Crf3\RULE60\10788836.raw.txt**
Output Set: **N:\CRF4\12132004\J788836.raw**

SEQUENCE LISTING
```
      1 (1) GENERAL INFORMATION:
      2       (i) APPLICANT: PE Corporation (NY)
      3      (ii) TITLE OF INVENTION: ENERGY TRANSFER DYES WITH ENHANCED FLUORESCENCE
      4     (iii) NUMBER OF SEQUENCES: 3
      5      (iv) CORRESPONDENCE ADDRESS:
      6           (A) ADDRESSEE: David J. Weitz, Wilson Sonsini Goodrich
      7                            & Rosati
      8           (B) STREET: 650 Page Mill Road
      9           (C) CITY: Palo Alto
     10           (D) STATE: California
     11           (E) COUNTRY: USA
     12           (F) ZIP: 94304-1050
     13       (v) COMPUTER READABLE FORM:
     14           (A) MEDIUM TYPE: 3.5 inch diskette
     15           (B) COMPUTER: IBM compatible
     16           (C) OPERATING SYSTEM: Microsoft Windows 3.1/DOS 5.0
     17           (D) SOFTWARE: Word 97
     18                         ASCII (DOS) TEXT format
     19      (vi) CURRENT APPLICATION DATA:
C--> 20           (A) APPLICATION NUMBER: US/10/788,836
C--> 21           (B) FILING DATE: 26-Feb-2004
     22           (C) CLASSIFICATION:
     23     (vii) PRIOR APPLICATION DATA:
W--> 24           (A) APPLICATION NUMBER: US/10/014,743
     25           (B) FILING DATE: 29-Oct-2001
W--> 26           (A) APPLICATION NUMBER: 08/642,330
     27           (B) FILING DATE: May 3, 1996
W--> 28           (A) APPLICATION NUMBER: 08/672,196
     29           (B) FILING DATE: June 27, 1996
W--> 30           (A) APPLICATION NUMBER: 08/726,462
     31           (B) FILING DATE: October 4, 1996
W--> 32           (A) APPLICATION NUMBER: 09/046,203
     33           (B) FILING DATE: March 23, 1998
W--> 34           (A) APPLICATION NUMBER: 09/272,097
     35           (B) FILING DATE: March 18, 1999
     36    (viii) ATTORNEY/AGENT INFORMATION:
     37           (A) NAME: David J. Weitz
     38           (B) REGISTRATION NUMBER: 38,362
     39           (C) REFERENCE/DOCKET NUMBER: 16842-776
     40      (ix) TELECOMMUNICATION INFORMATION:
     41           (A) TELEPHONE: (650) 493-9300
     42           (B) TELEFAX: (650) 493-6811
```

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43 (2) INFORMATION FOR SEQ ID NO: 1:
44      (i) SEQUENCE CHARACTERISTICS:
45          (A) LENGTH: 1217 nucleotides
46          (B) TYPE: nucleic acid
47          (C) STRANDEDNESS: single
48          (D) TOPOLOGY: linear
49      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:
50      GCCAAGCTTG   CATGCCTGCA   GGTCGACTCT   AGAGGATCCC    40
51      CGGGTACCGA   GCTCGAATTC   GTAATCATGG   TCATAGCTGT    80
52      TTCCTGTGTG   AAATTGTTAT   CCGCTCACAA   TTCCACACAA   120
53      CATACGAGCC   GGAAGCATAA   AGTGTAAAGC   CTGGGGTGCC   160
54      TAATGAGTGA   GCTAACTCAC   ATTAATTGCG   TTGCGCTCAC   200
55      TGCCCGCTTT   CCAGTCGGGA   AACCTGTCGT   GCCAGCTGCA   240
56      TTAATGAATC   GGCCAACGCG   CGGGGAGAGG   CGGTTTGCGT   280
57      ATTGGGCGCC   AGGGTGGTTT   TTCTTTTCAC   CAGTGAGACG   320
58      GGCAACAGCT   GATTGCCCTT   CACCGCCTGG   CCCTGAGAGA   360
59      GTTGCAGCAA   GCGGTCCACG   CTGGTTTGCC   CCAGCAGGCG   400
60      AAAATCCTGT   TTGATGGTGG   TTCCGAAATC   GGCAAAATCC   440
61      CTTATAAATC   AAAAGAATAG   CCCGAGATAG   GGTTGAGTGT   480
62      TGTTCCAGTT   TGGAACAAGA   GTCCACTATT   AAAGAACGTG   520
63      GACTCCAACG   TCAAAGGGCG   AAAAACCGTC   TATCAGGGCG   560
64      ATGGCCCACT   ACGTGAACCA   TCACCCAAAT   CAAGTTTTTT   600
65      GGGGTCGAGG   TGCCGTAAAG   CACTAAATCG   GAACCCTAAA   640
66      GGGAGCCCCC   GATTTAGAGC   TTGACGGGGA   AAGCCGGCGA   680
67      ACGTGGCGAG   AAAGGAAGGG   AAGAAAGCGA   AAGGAGCGGG   720
68      CGCTAGGGCG   CTGGCAAGTG   TAGCGGTCAC   GCTGCGCGTA   760
69      ACCACCACAC   CCGCCGCGCT   TAATGCGCCG   CTACAGGGCG   800
70      CGTACTATGG   TTGCTTTGAC   GAGCACGTAT   AACGTGCTTT   840
71      CCTCGTTGGA   ATCAGAGCGG   GAGCTAAACA   GGAGGCCGAT   880
72      TAAAGGGATT   TTAGACAGGA   ACGGTACGCC   AGAATCTTGA   920
73      GAAGTGTTTT   TATAATCAGT   GAGGCCACCG   AGTAAAAGAG   960
74      TCTGTCCATC   ACGCAAATTA   ACCGTTGTAG   CAATACTTCT  1000
75      TTGATTAGTA   ATAACATCAC   TTGCCTGAGT   AGAAGAACTC  1040
76      AAACTATCGG   CCTTGCTGGT   AATATCCAGA   ACAATATTAC  1080
77      CGCCAGCCAT   TGCAACAGGA   AAAACGCTCA   TGGAAATACC  1120
78      TACATTTTGA   CGCTCAATCG   TCTGAAATGG   ATTATTTACA  1160
79      TTGGCAGATT   CACCAGTCAC   ACGACCAGTA   ATAAAAGGGA  1200
80      CATTCTGGCC   AACAGAG                             1217
82 (2) INFORMATION FOR SEQ ID NO: 2:
83      (i) SEQUENCE CHARACTERISTICS:
84          (A) LENGTH: 18 nucleotides
85          (B) TYPE: nucleic acid
86          (C) STRANDEDNESS: single
87          (D) TOPOLOGY: linear
88      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:
89      TGTAAAACGA   CGGCCAGT                              18
91 (2) INFORMATION FOR SEQ ID NO: 3:
92      (i) SEQUENCE CHARACTERISTICS:
93          (A) LENGTH: 738 nucleotides
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 94              (B)  TYPE: nucleic acid
 95              (C)  STRANDEDNESS: single
 96              (D)  TOPOLOGY: linear
 97     (xi)  SEQUENCE DESCRIPTION: SEQ ID NO: 3:
 98     ATACGACTCA   CTATAGGGCG   AATTCGAGCT   CGGTACCCGG    40
 99     GGATCCTCTA   GAGTCGACCT   GCAGGCATGC   AAGCTTGAGT    80
100     ATTCTATAGT   GTCACCTAAA   TAGCTTGGCG   TAATCATGGT   120
101     CATAGCTGTT   TCCTGTGTGA   AATTGTTATC   CGCTCACAAT   160
102     TCCACACAAC   ATACGAGCCG   GAAGCATAAA   GTGTAAAGCC   200
103     TGGGGTGCCT   AATGAGTGAG   CTAACTCACA   TTAATTGCGT   240
104     TGCGCTCACT   GCCCGCTTTC   CAGTCGGGAA   ACCTGTCGTG   280
105     CCAGCTGCAT   TAATGAATCG   GCCAACGCGC   GGGGAGAGGC   320
106     GGTTTGCGTA   TTGGGCGCTC   TTCCGCTTCC   TCGCTCACTG   360
107     ACTCGCTGCG   CTCGGTCGTT   CGGCTGCGGC   GAGCGGTATC   400
108     AGCTCACTCA   AAGGCGGTAA   TACGGTTATC   CACAGAATCA   440
109     GGGGATAACG   CAGGAAAGAA   CATGTGAGCA   AAAGGCCAGC   480
110     AAAAGGCCAG   GAACCGTAAA   AAGGCCGCGT   TGCTGGCGTT   520
111     TTTCCATAGG   CTCCGCCCCC   CTGACGAGCA   TCACAAAAAT   560
112     CGACGCTCAA   GTCAGAGGTG   GCGAAACCCG   ACAGGACTAT   600
113     AAAGATACCA   GGCGTTTCCC   CCTGGAAGCT   CCCTCGTGCG   640
114     CTCTCCTGTT   CCGACCCTGC   CGCTTACCGG   ATACCTGTCC   680
115     GCCTTTCTCC   CTTCGGGAAG   CGTGGCGCTT   TCTCATAGCT   720
116     CACGCTGTAG   GTATCTCA                               738
```

VERIFICATION SUMMARY   DATE: 12/13/2004
PATENT APPLICATION: **US/10/788,836**   TIME: 13:50:38

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L:20 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]
L:21 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]
L:26 M:238 W: Alpha Fields not Ordered, Reordered [(A) APPLICATION NUMBER:] of (1)(vii)
L:28 M:238 W: Alpha Fields not Ordered, Reordered [(A) APPLICATION NUMBER:] of (1)(vii)
L:30 M:238 W: Alpha Fields not Ordered, Reordered [(A) APPLICATION NUMBER:] of (1)(vii)
L:32 M:238 W: Alpha Fields not Ordered, Reordered [(A) APPLICATION NUMBER:] of (1)(vii)
L:34 M:238 W: Alpha Fields not Ordered, Reordered [(A) APPLICATION NUMBER:] of (1)(vii)